Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Monday 20 Mar 2023 until 23:59 on Tuesday 21 Mar 2023

Forecast Issued on Monday 20 Mar 2023 at 04:28

Confidence: High confidence in an unsettled week of weather, becoming Medium in details from Wednesday.

Headline for Monday 20 Mar 2023: Rain, drizzle and low cloud.

Mountain weather hazards on Monday 20 Mar 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Medium Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Light rain	Mist	Heavy Rain	Heavy Rain
Precipitation probability					
50%	70%	60%	40%	30%	70%

Forecast for Monday 20 Mar 2023

Weather: Rain and drizzle turning lighter and patchier by this afternoon, with a few drier spells possible before it turns heavier again in the evening.

Chance of cloud-free hill tops above 600m: 30%.

Low Cloud and visibility: Extensive cloud, base 300 to 500m, perhaps lifting a little at times in the afternoon. Visibility moderate to very poor at height, perhaps good at times lower down.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.

Mountain Weather Forecast

Forecast for Monday 20 Mar 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	20/28 SW	18/24 SW	17/23 SW	18/24 SW	19/25 SW	19/26 S	20/28 S
300	3/14 S	9/19 SW	11/22 SW	11/22 SW	9/21 SW	9/22 S	12/26 S
Valley	4/14 SW	5/14 SW	8/18 SW	8/18 SW	7/18 SW	9/22 S	11/25 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/0	6/2	7/3	7/3	7/3	8/4	7/2
300	6/5	8/5	8/5	9/6	9/7	9/7	9/6
Valley	7/6	8/7	9/7	10/8	10/9	10/8	10/8
Freezing Level*	2300m	2300m	2400m	2000m	2200m	2000m	1900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Nothing to add.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Mon 20 Mar 2023	1.8mm	9.2mm	20mm

Forecast for Tuesday 21 Mar 2023

Weather: Outbreaks of heavy rain overnight. Heavy showers during the morning, becoming lighter and more scattered in the afternoon, with the best chance of any brightness developing in the south and east. Thicker, lower cloud and further rain spreading in from the west late in the evening.

Maximum wind: South-westerly 30mph gusting 40mph.

Chance of cloud-free hill tops above 600m: 10% rising to 50% in the afternoon, before falling again in the evening.

Low Cloud and visibility: Extensive cloud, base 300 to 500m, lifting to 600-700m and breaking in the afternoon in the south and east, but persisting in the north and west. Visibility moderate to very poor at first, becoming good in places in the afternoon, then decreasing again during the evening.

Temperature: **Valleys:** Plus 6 Celsius rising to 12 Celsius
At 600m: Plus 3 to 6 Celsius
Freezing level: Above the summits

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.